



15:39 From:HUGHES LEGAL DEPT

3109640941

T-380 P.02/02 Job-465

PART B - FEE(S) TRANSMITTAL

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7590

04/08/2005

Hughes Electronics Corporation
Corporation Patent & Licensing
P.O. Box 956
Bldg. R11, Rail Station A109
El Segundo, CA 90245-0956
06/07/2005 WABDEL3 00000047 500383 09550505

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Georgann S. Grunebach (Depositor's name)
June 6, 2005 (Date)
(Signature)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/550,505	04/17/2000	Donald C.D. Chang	PD-990185	1446

TITLE OF INVENTION: COHRENT SYNCHRONIZATION OF CODE DIVISION MULTIPLE ACCESS SIGNALS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	07/08/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
FERRIS, DERRICK W	2663	370-320000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Georgann S. Grunebach

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The DIRECTV Group, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

El Segundo, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-0383 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature: Georgann S. Grunebach

Date June 6, 2005

Typed or printed name: Georgann S. Grunebach

Registration No. 33,179

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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From: Georgann S. Grunebach
Assistant General Counsel

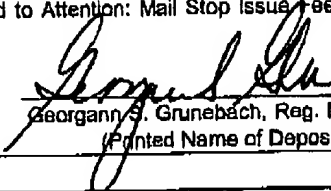
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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

June 6, 2005
(Date of Signature)

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Please find attached Re: 09/550,505

- > TRANSMITTAL COVER FOR ISSUE FEE
- > PART B - FEE TRANSMITTAL

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